

DEPARTMENT OF THE AIR FORCE  
Headquarters US Air Force  
Washington, DC 20330-1030

CFETP 1C4X1  
Parts I and II  
6 July 2016

# TACTICAL AIR CONTROL PARTY AFSC 1C4X1



## CAREER FIELD EDUCATION AND TRAINING PLAN

**ACCESSIBILITY:** Publications and forms are available on the e-Publishing website at [www.e-publishing.af.mil](http://www.e-publishing.af.mil) for downloading or ordering.

**RELEASABILITY:** There are no releasability restrictions on this publication.

**CAREER FIELD EDUCATION AND TRAINING PLAN  
TACTICAL AIR CONTROL PARTY  
AFSC 1C4X1**

**Table of Contents**

<b>Part I</b> .....	1
<i>Preface</i> .....	1
<b>ABBREVIATIONS AND TERMS EXPLAINED</b> .....	2
<b>Section A - General Information</b> .....	6
Purpose .....	6
Use .....	6
Coordination and Approval .....	7
<b>Section B – AFS Progression and Information</b> .....	7
Specialty Description .....	7
Skill/Career Progression .....	8
Training Decisions .....	8
Community College of the Air Force (CCAF) .....	9
Figure 8-1: 1C4X1 Career Development Path (need update) .....	12
Figure 8-2. 1C4X1 Assignment Locations (need update) .....	14
<b>Section C - Skill Level Training Requirements</b> .....	16
Purpose .....	16
Specialty Qualifications .....	16
<b>Section D - Resource Constraints</b> .....	20
Purpose .....	20
<b>Section E – Transition Training Guide</b> .....	20
<b>PART II</b> .....	21
<b>Section A - Specialty Training Standard</b> .....	21
Implementation .....	21
Purpose .....	21
Recommendations .....	22
Surveys .....	23
Specialty Training Standard .....	24
<b>Section B – Course Objective List (COL)</b> .....	39
<b>Section C - Support Material</b> .....	39
<b>Section D - Training Course Index</b> .....	39
<b>Section E – MAJCOM Unique Requirements</b> .....	40

**TACTICAL AIR CONTROL PARTY**  
**AFSC 1C4X1**  
**CAREER FIELD EDUCATION AND TRAINING PLAN**

**Part I**

*Preface*

1. IAW AFPD 10-35, Battlefield Airmen, 1C4X1 is a Battlefield Airmen career field. This Tactical Air Control Party (TACP) Career Field Education and Training Plan (CFETP) is a comprehensive core training document that identifies life-cycle training/education requirements, support resources, and minimum core task requirements for the 1C4X1 specialty. The CFETP will provide personnel a clear career path and will install rigor in all aspects of career field training. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, Management of Records, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afirms/afirms/>

2. The CFETP consists of two parts; supervisors plan, manage, and control training within the specialty using both parts of the plan.

2.1 Part I provides information necessary for overall management of the specialty. Section A contains general information and explains the purpose and use of the CFETP. Section B provides career field progression and information including specialty description, skill and career progression, training decisions, Community College of the Air Force (CCAF) information, and career path information. Section C contains skill level training requirements (Knowledge, Education, Training, Experience, and Other), Training Sources, and Implementation. Section D identifies known resource constraints. Section E identifies transition training requirements.

2.2 Part II includes the following: Section A – Specialty Training Standard (STS) – includes job performance requirements; core tasks; 3-, 5-, and 7-skill level formal; and the proficiency levels. Section B – Course Objective List – an objective list and training standards for supervisors to use as an evaluation tool for course graduates. Section C – Support Material – lists available support materials and correspondence courses. Section D – Training Course Index – lists all mandatory Air Force in-residence, field, Air University A4/6, and exportable courses used to support training for this specialty. Section E – Major Command (MAJCOM) Unique Requirements – identifies education and training requirements applicable to specific MAJCOMs.

3. This CFETP is designed to ensure individuals in AFSC 1C4X1 receive comprehensive and effective training at the appropriate phases of their career. At unit level, supervisors and trainers use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

## ABBREVIATIONS AND TERMS EXPLAINED

**Advanced Training (AT).** Formal course that provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills and knowledge to enhance their expertise in the career field. Training is for selected career Airmen at the advanced level of the AFS.

**Air Force Career Field Manager (AFCFM).** AFCFMs are appointed by their respective HQ USAF Deputy Chief of Staff or director to ensure development, implementation, and maintenance of the CFETP for their assigned Air Force specialties. AFCFMs communicate directly with MAJCOM Functional Managers (MFM), Air Reserve Component (ARC), and Air Education and Training Command Training Pipeline Manager (AETC TPM) to disseminate Air Force and career field policies and program requirements.

**Air Force Job Qualification Standard (AFJQS).** A comprehensive task list that describes a particular job type or duty position. Supervisors use the AFJQS to document task qualification. The tasks on AFJQSs are common to all persons serving in the described duty position.

**Air Force Qualification Training Package (AFQTP).** An instructional product designed for use at the unit to qualify or aid qualification in a duty position, program, or on a piece of equipment. It may be printed, computer-based, or other audiovisual media.

**Air Force Specialty (AFS).** A group of positions (with the same title and code) that require common qualifications. Each AFS is assigned an AFS Code (AFSC), to identify a specific career field and qualification level for Air Force officers and enlisted personnel. The first two digits of an AFSC (1C) identify the career field and the first three digits of an AFSC (1C4) identify the AFS. A full AFSC identifies a specific duty position within the AFS.

**Air Force Tactics, Techniques and Procedures (AFTTP).** Air Force technical training publication. (Joint Pub 1-02, *Department of Defense Dictionary of Military and Associated Terms*)

**Career Field Education and Training Plan (CFETP).** CFETP is a comprehensive core training document that identifies: life-cycle education and training requirements; training support resources, and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training. CFETPs are officially posted at <http://www.e-publishing.af.mil/>

**Certification.** A formal indication of an individual's ability to perform a task to required standards.

**Certification Official.** A person whom the commander assigns to determine an individual's ability to perform a task to required standards.

**Continuation Training.** Training for individuals already qualified in their respective duty position to maintain their assigned level of proficiency. CT is designed to progressively improve basic qualifications.

**Core Task.** Tasks the AFCFM identify as minimum qualification requirements for everyone within an AFSC, regardless of duty position. Core tasks may be specified for a particular skill level or in general across the AFSC. Guidance for using core tasks can be found in the applicable CFETP narrative.

**Course Objective List (COL).** A publication derived from initial and advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3- or 7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, *Air Force Training Program*.

**Course Training Standard (CTS).** Training standard that identifies the training members will receive in a specific course.

**Critical Tasks.** Critical Tasks are tasks that require specific training and certification above and beyond other tasks. Tasks may be defined as critical either through AFI, Technical Orders, higher headquarters, or at any level in the unit.

**Enlisted Specialty Training (EST).** A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in each skill level of a specialty.

**Exportable Course.** Instructional packages that personnel design for use in the field. The course may include printed, computer-based, or other audiovisual materials.

**Exportable Training.** Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

**Go/No Go.** The stage at which an individual has gained enough skill, knowledge, and experience to perform the tasks without supervision. Meeting the task standard.

**Initial Skills Training.** A formal school course that results in an AFSC 3-skill level award for enlisted or mandatory training for upgrade to qualified officers.

**Initial Qualification Training (IQT).** The process to train a JTAC in basic controller duties without regard to the unit's mission. IQT is attendance at a Joint Fire Support Executive Steering Committee (JFS ESC) accredited, formal JTAC training school (schoolhouse).

**Instructional System Development (ISD).** A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught, in a cost efficient way, the knowledge and skills essential for successful job performance. Reference AFMAN 36-2234, *Instructional System Development*.

**Joint Terminal Attack Controller (JTAC).** A joint terminal attack controller (JTAC) is a qualified (certified) service member who, from a forward position, directs the action of combat aircraft engaged in CAS and other air operations (i.e. Joint Air Attack Team (JAAT), Suppression of Enemy Air Defenses, Non-traditional Intelligence Surveillance and Reconnaissance, etc.). A qualified and current JTAC will be recognized across Department of Defense as capable and authorized to perform terminal attack control. (JPUB 3-09.3 Change1)

**Master Task List (MTL).** The MTL identifies all day-to-day mission (duty position) requirements, core tasks, in-garrison and contingency tasks, and additional duties performed by work center personnel.

**Master Training Plan (MTP).** Employs a strategy for ensuring the completion of all work center job requirements by using a Master Task Listing and provides milestones for task completion, and prioritizes deployment/UTC, home station training tasks, upgrade, and qualification tasks.

**Major Command (MAJCOM).** A MAJCOM represents a major Air Force subdivision having a specific portion of the Air Force mission. Each MAJCOM is directly subordinate to HQ USAF. MAJCOMs are interrelated and complementary, providing offensive, defensive, and support elements.

**MAJCOM Functional Manager (MFM).** Enlisted MFMs are SNCOs who manage designated enlisted career fields for a MAJCOM and serve as the MAJCOM liaisons for their respective AFCFMs. MFMs monitor the health and manning of their career fields within their command and elevate concerns to the AFCFMs. They manage command training for their career field and coordinate command training and personnel issues across their MAJCOM staff and with AFCFMs. They disseminate Air Force and career field policies and program requirements affecting their career field throughout the MAJCOM. They coordinate with the Air Force Personnel Center, through their MAJCOM/A1, to distribute personnel throughout the MAJCOM to ensure proper command prioritization of allocated/assigned personnel resources. They provide functional and subject matter expertise to Air Education and Training Command Training Managers to develop new or modify/improve existing training programs.

**Occupational Analysis Report (OAR).** A detailed report showing the results of an occupational survey of tasks performed within a particular AFSC.

**On-the-Job Training (OJT).** Hands-on, “over-the-shoulder” training conducted to certify personnel in both upgrade (skill level award) and job qualification (position certification training).

**Position Qualification Training.** Training designed to qualify an Airman in a specific position that occurs after upgrade training.

**Proficiency Training.** Additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

**Qualification Training.** Hands-on performance training designed to qualify an Airman in a specific position. This training occurs both during and after upgrade training to maintain up-to-date qualifications.

**Resource Constraints.** Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

**Specialty Training Requirements Team (STRT).** A meeting, in partnership with the AETC Training Pipeline Manager (TPM), to develop and review life-cycle AFS performance and training requirements.

**Specialty Training Standard (STS).** An Air Force publication that describes an AFS in terms of tasks and knowledge that an Airman in that specialty may be expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AFS. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an Air Force Specialty Code (AFSC) are taught in formal schools and correspondence courses.

**Standard.** An exact value, a physical entity, or an abstract concept, the appropriate authority, custom, or common consent sets up and defines to serve as a reference, model, or rule in measuring quantities or qualities, developing practices or procedures, or evaluating results. A fixed quantity or quality.

**System Training Plan (STP).** A living document that explains what training is needed for a system and how to obtain the training.

**TACTICS (Theater Air Control Training Information Computer System).** A web based Learning Management System used to provide members with global, standardized, web-based training, and the ability to track this training. TACTICS is located on the internet at <https://www.tactics-training.com>.

**Task Certifier.** See Certification Official.

**Total Force.** All collective components (active, reserve, guard, and civilian elements) of the United States Air Force.

**Trainer.** A trained and qualified person who teaches personnel to perform specific tasks through OJT methods. Also, equipment that the trainer uses to teach personnel specified tasks.

**Training Capability.** The ability of a unit or base to provide training. Authorities consider the availability of equipment, qualified trainers, study reference materials, and so on in determining a unit's training capability.

**Training Planning Team (TPT).** Comprised of the same personnel as a U&TW, TPTs are more intimately involved in training development and the range of issues examined is greater than in the U&TW forum.

**Upgrade Training.** Mandatory training which leads to attainment of higher level of proficiency.

**Utilization and Training Workshop (U&TW).** A forum of the AFCFM, MAJCOM Functional Managers, subject matter experts (SME), and AETC training personnel that determines career ladder training requirements.

**Weapons Instructor Course (WIC).** Graduate-level instructor course that provide the world's most advanced training in weapons and tactics employment.

## **Section A - General Information**

**1. Purpose.** This CFETP provides the information necessary for the Air Force Career Field Manager (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors and trainers to plan, develop, manage and conduct an effective and efficient career field training program. The plan outlines the training that individuals in AFSC 1C4X1 must receive in order to develop and progress throughout their careers. For the purpose of this plan, training is divided into four areas: Initial skills, upgrade training (UGT), qualification training (QT) and continuation training (CT). Initial skills training is the Air Force Specialty (AFS) specific training an individual receives upon entering into the AFSC. This training is provided by 342 Training Squadron (TRS) at JBSA Lackland, TX. Upgrade training identifies the mandatory courses and task qualification requirements required for award of the 5-, 7-, and 9-skill level. Qualification training is hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge training required to do the job. Continuation training is additional training provided to 3-, 5-, 7-, and 9-level personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some of which are:

1.1. Serves as a management tool to plan, develop, manage, and conduct a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

1.2. Identifies task and knowledge training requirements for each skill level in this specialty and recommends training throughout each phase of an individual's career.

1.3. Lists training courses available in the specialty, identifies sources of training, and the training delivery method.

1.4. Identifies major resource constraints that impact implementation of the desired career field training program.

**2. Use.** MFMs and supervisors at all levels use the plan to ensure a comprehensive and cohesive training program is available for each individual in the specialty.

2.1. AETC training personnel develop and revise formal resident, non-resident and exportable training based on requirements established by the user and documented in Part II of the CFETP. They also work with the AFCFM to develop procurement and acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial and upgrade skills requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM and National Guard Bureau (NGB) developed training to support this AFSC must be identified for inclusion in this plan and must not duplicate available training resources.

2.3. The list of courses in Part II is used as a reference to support training.

2.4. Submit recommended CFETP improvements/corrections to the AFSC Training Manager at 342 TRS/TRR, 950 Voyager Dr, Lackland AFB, TX 78236-5724.

**3. Coordination and Approval.** The AFCFM will initiate an annual review of this document to ensure currency and accuracy. MFMs and AETC training managers will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training. The AFCFM is the approval authority. MAJCOM and NGB representatives and AETC training personnel coordinate on the career field training requirements. The AFCFM is the authority for waiving any mandatory training requirement(s). Process waiver requests to the AFCFM as described in AFI 36-2201, Air Force Training Program Career Field Education and Training.

## **Section B – AFS Progression and Information**

**4. Specialty Description. Tactical Air Control Party is a volunteer-only, Battlefield Airmen career field.**

4.1. Specialty Summary. Engages enemy forces utilizing advanced technologies and weapon systems to direct airstrikes in close proximity of friendly forces. Controls and executes operational air and space power. Operates in austere combat environments independent of an established airbase or its perimeter defenses. Employed as part of a joint, interagency or coalition force to support Combatant Commander Objectives. Primarily assigned to U.S. Army Installations. Member of Battlefield Airman grouping IAW AFPD 10-35, Battlefield Airman. Related DoD Occupational Subgroup: 125000.

4.2. Duties and Responsibilities.

4.2.1. Operates communications, digital networks and video targeting equipment. Integrates, plans and briefs maneuver commanders and staff on combat capabilities of air and space power. Processes and requests air and space resources to support ground maneuver units.

4.2.2. Targets and controls surface-to-surface and air-to-surface-fires. Plans, coordinates and conducts fires to accomplish supported commander's objectives, includes Close Air Support (CAS) and supporting arms for surface elements, command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) in support of Combined Forces Air Component Commander's assets. Employs visual, electronic and marking equipment to direct aviation assets to target. Issues weapons release clearance.

4.2.3. Conducts infiltration, surface movement, and exfiltration functions with combat maneuver forces. Performs mounted and dismounted navigation. Operates in combat vehicles. Performs site selection. Performs small unit tactics. Administers combat lifesaving assistance. Performs and supervises advanced physical conditioning programs.

**5. Skill/Career Progression.** Adequate training and timely progression from the apprentice to the superintendent skill level play an extremely important role in the Air Force's ability to accomplish its mission. Therefore, it is essential that everyone involved in training do their part to plan, develop, manage, conduct, and evaluate an effective and efficient training program. The guidance provided in this part of the CFETP will ensure individuals receive viable training at the appropriate points in their career. The following narrative and the AFSC 1C4X1 career field flow charts identify the training career path. They define the training required in an individual's career.

5.1. Apprentice (3) Level. Meeting mandatory requirements listed in the Air Force Enlisted Classification Directory (AFECD) specialty description, completion of the TACP Apprentice Course, L3ABP1C431 XXXX, at JBSA Lackland, TX and completion of Survive, Evade, Resistance and Escape (SERE) SV-80-A course is mandatory. The decision to train specific task and knowledge items in the initial skills course is based on a review of the Occupational Analysis Report (OAR) data, Training Requirements Analysis (TRA) data and 1C431 Subject Matter Expert (SME) input. Task and knowledge training requirements are identified in Part II, Section A. Individuals must complete the initial skills course to be awarded AFSC 1C431.

5.2. Journeyman (5) Level. Upgrade training to the 5-skill level in this specialty consists of tasks and knowledge training provided during OJT. Individuals must meet mandatory requirements listed in the AFECD specialty description, be certified on all core tasks indicated on the STS, complete unit specific duty position tasks, be recommended by their supervisors and have a minimum of 12 months in UGT. Individuals in retraining status are subject to the same training requirements and a minimum 9 months in UGT. Enter into 5 level upgrade training upon arrival at the first permanent duty station. Certification as a Joint Terminal Attack Controller (JTAC) and award of Special Experience Identifier (SEI) 914, JTAC, is required prior to attendance at the advanced skills course.

5.3. Craftsman (7) Level. Individuals are entered into 7 level upgrade training on the first day of the promotion cycle. All individuals upgrading to the 7-skill level in this specialty must complete the following: Holding at least the grade of SSgt, meeting mandatory requirements listed in the AFECD specialty description, certification on all core tasks indicated on the STS, completion of unit specific duty position tasks, successful completion of the advanced skills course L3ACP1C471 XXXX / L6ANW1C471 0T0A (Resident/Distance Learning) and completing 12 months in upgrade training (6 months for retrainees). Individuals must be recommended by their supervisor.

5.4. Superintendent (9) Level. To be awarded AFSC 1C491, an individual must be a SMSgt, complete any other requirements specified in the enlisted classification directory and be recommended by their supervisor.

**6. Training Decisions.** The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Tactical Air Control Party career field. This CFETP was developed to include life-cycle (day one through retirement) training requirements for this specialty. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training.

6.1. **Initial Skills Training.** The initial skills course was revised to provide training needed to prepare graduates for TACP duty positions. Select graduates require attendance at airborne training (Airborne Parachutist Course, at Ft Benning, GA) to ensure the career fields ability to sustain its Designed Operational Capability (DOC) statement requirements to support U.S. Army airborne operations.

6.2. **Five-Level Upgrade Training.** Training for the 5-skill level consists of task and knowledge training provided through the specialty training standard (STS).

6.3. **Seven-Level Upgrade Training.** The advanced skills course was revised to incorporate Publications, Air Ground Operations System, Theater Air Support Operations, and Readiness.

**7. Community College of the Air Force (CCAF).** CCAF provides the opportunity to obtain an Associate in Applied Sciences (AAS) Degree. Enrollment in CCAF occurs upon completion of basic military training. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC Instructor must possess as a minimum an associate degree or should be actively pursuing an associate degree. Developmental Special Duty assignment (DSD) requires an AETC instructor candidate to have a CCAF degree or be within one year of completion (45 Semester Hours [SH]). A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools. See the CCAF web site for program details regarding the Associate of Applied Science degree at <http://www.au.af.mil/au/ccaf>. In addition to its associate degree program, CCAF offers the following:

7.1. **CCAF Instructor Certification (CIC).** CCAF offers CIC Program for qualified instructors who teach CCAF collegiate-level courses at a CCAF affiliated school. The purpose of the certification is to recognize the instructor's faculty development training and qualification required to teach a CCAF course and formally acknowledges the instructor's practical teaching experience.

7.2. **Air Force Credentialing Opportunities On-Line (COOL).** COOL is a valuable resource for Air Force enlisted personnel. The purpose of COOL is to increase awareness of professional development opportunities applicable to Air Force occupational specialties. COOL includes information related to specific AFSCs, such as: Civilian occupation equivalencies (US Department of Labor), CCAF degree programs, National professional certifications, Certification agencies, Certification exams offered by the Defense Activity for Non-Traditional Education Support (DANTES), and professional organizations.

7.3. **Degree Requirements.** All Airmen are automatically entered into the CCAF Associate in Applied Science degree program. For award of this degree, Airmen must hold a 5-skill level and complete the requirements from the current CCAF Catalog listed below:

<b>Subject Area</b>	<b>Semester Hrs</b>
Technical Education	24
Leadership, Management and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Total	64

7.3.1. The Information Systems Technology (0IYY) program is the specific CCAF Associate in Applied Science Degree Program that applies to AFSC 1C4X1. Paragraphs 7.3.2. – 7.3.6. detail the various areas that can be used to satisfy the subject area semester hour requirements listed in paragraph 7.3. The Information Systems Technology program is open to several AFSCs, therefore, areas that might not apply to 1C4X1 are included in the listings.

7.3.2. Technical Education (24 Semester Hours): A minimum of 12 SHs of technical core subjects or courses must be applied and the remaining semester hours applied from technical core or technical elective subjects or courses. Requests to substitute comparable courses or to exceed specified semester hour values in any subject or course must be approved in advance.

7.3.2.1. Technical Core (12-24 Semester Hours):

<b>Technical Core Area</b>	<b>Max Semester Hours</b>
Airborne Information Systems	24
Broadcast Information Systems/Management	15
CCAF Internship	18
Command & Control Information Systems	15
Communication Networking	12
Communications-Electronics Program Management	12
Computer Security	6
Computer Systems Architecture/Analysis/Design	6
Data Information Systems/Management	20
Telecommunications Administration/Industry Regulation	6
Telecommunications Technology	6

7.3.2.2. Technical Electives (0-12 Semester Hours):

<b>Technical Electives Area</b>	<b>Max Semester Hours</b>
Business Mathematics/Statistics	3
College Algebra or higher-level Mathematics	6
Computer Science	6
Data Communications	3
FCC General Radiotelephone Operator's License	9
Principles of Accounting	3
Radio Communications	6
Survival Training	3
Microsoft MCSE Certification	8

7.3.3. Leadership, Management & Military Studies (6 Semester Hours): Professional military education, civilian management courses accepted in transfer and/or by testing credit.

7.3.4. Physical Education (4 Semester Hours): Completing basic military training satisfies the 4-semester-hour physical education requirement. Civilian courses do not apply to this requirement.

7.3.5. General Education (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the general education requirement and agree with the definitions of applicable courses as provided in the CCAF general catalog.

General Education Subject/Course	Semester Hours
Oral Communication – Speech	3
Written Communication – English Composition	3
Mathematics – Intermediate algebra or college-level mathematics	3
Social Science – Anthropology, archaeology, economics, geography, government, history, political science, psychology, sociology	3
Humanities – Fine arts (criticism, appreciation, historical significance), foreign language, literature, philosophy, religion	3

7.3.6. Program Elective (15 Semester Hours): Courses applying to technical education, LMMS or general education requirements; natural science courses meeting general education requirement application criteria; foreign language credit earned at Defense Language Institute or through the Defense Language Proficiency Test; maximum 9 SHs of CCAF degree-applicable technical course credit otherwise not applicable

7.4. Air University Associate to Baccalaureate Cooperative (AU ABC): The AU ABC initiative establishes partnerships between the Air Force and accredited civilian higher education institutions to offer baccalaureate degree opportunities via distance learning. AU ABC links Airmen who have completed associate degrees to military friendly baccalaureate programs. AU ABC applies CCAF associate degree credit towards baccalaureate degrees and requires participants to complete no more than 60 semester hours after having earned an associate in applied science degree.

**8. Career Field Charts.**

Figure 8-1 Career Development Path

Figure 8-2 1C4X1 Assignment Locations

**Figure 8-1: 1C4X1 Career Development Path**

1C4X1 Tactical Air Control Party							
	Apprentice	Journeyman	Craftsman		Superintendent		CEM
Rank	AB, Amn, A1C 	SrA 	SSgt 	TSgt 	MSgt 	SMSgt 	CMSgt 
High Year of Tenure		10 Years	15 Years	20 Years	24 Years	26 Years	30 Years
Earliest sew-on time	6 Months 16 Months	30 Months	3 Years	5 Years	8 Years	11 Years	14 Years
1C4X1 average sew-on		3 Years	4.5 Years	10.4 Years	13.6 Years	17.8 Years	21.7 Years
Badges AFI36-2903	 Basic C2 Badge		 Senior C2 Badge		 Master C2 Badge		
PME		<i>Phase 1, Airman Leadership School</i>  - SSgt select or SrA with 48 months TIS - Required to sew on SSgt (active Duty only)		<i>Phase 2, NCO Academy (DL: Course 15)</i> - TSgt or TSgt select - Required to sew on MSgt (active duty only) - Optional: Intermediate Leadership Experience (ILE)	<i>Phase 3, Senior NCO Academy (DL: Course 14)</i>  - MSgt or SMSgt Required to sew on CMSgt (Active duty only) - Joint SNCO PME - Optional: Advanced Leadership Experience (ALE)		<i>CMSgt Leadership Course</i>
Upgrade Training	<b>3-Level 1C431</b> - Awarded upon graduation from Initial Skills Course - Complete SERE SV-80-A	<b>5-Level 1C451</b> - 12 months UGT, (retrainee 9 mo) - JTACQC completion - Must be JTAC Certified	<b>7 level 1C471</b> - Min rank of SSgt - 12 months UGT (retrainee – 6 months) - Complete Craftsman Course			<b>9 level 1C491</b>	<b>CEM 1C400</b>
Professional Development	- Train the trainer - JTAC Qualification Course	- Basic Airborne - Air Assault - Path Finder - PME	- CCAF - NCO - professional development seminar - Block III equipment custodian - Basic Instructor Course	- SORTS, DRRS, ART - training - PME	- SNCO - Induction Course - PME - Professional Managers Cert	- AU ABC	- PME

*Continued on next page*

Jobs / Opportunities	<ul style="list-style-type: none"> <li>- TACP/ASOC</li> <li>- Operations Experience</li> </ul>	<ul style="list-style-type: none"> <li>- JTAC</li> <li>- Supervisor</li> </ul>	<ul style="list-style-type: none"> <li>- 3-level or JTACQC instructor</li> <li>- Stan/Eval Examiner</li> <li>- Sqdn Chief, Weapons and Tactics</li> <li>- JTAC-Instructor</li> <li>- Ranger TACP</li> <li>- Special Tactics Sqdn JTAC</li> </ul>	<ul style="list-style-type: none"> <li>- JTAC Program Manager</li> <li>- Chief of Stan/Eval</li> <li>- Battalion TACP NCOIC</li> <li>- BALO</li> <li>- Goup/Sqdn Chief, Weapons and Tactics</li> </ul>	<ul style="list-style-type: none"> <li>- Flight Chief</li> <li>- Numbered AF Stan/Eval Examiner</li> <li>- MAJCOM TACP/ASOC Program Manager</li> <li>- MAJCOM Stan/Eval Examiner</li> <li>- Group Chief, Weapons and Tactics</li> </ul>	<ul style="list-style-type: none"> <li>- Sqdn Superintendent</li> <li>- Group/Sqdn Operations Superintendent</li> <li>- MAJCOM Functional Manager (MFM)</li> </ul>	<ul style="list-style-type: none"> <li>- Career Field Manager</li> <li>- MFM</li> <li>- Group/Sqdn Superintendent</li> </ul>
----------------------	--	--	--	--	---	--	--

**NOTE:** Information listed above is not all-inclusive and subject to change, average 1C4XX sew-on times approximate based on available FY13-16 data.

**Figure 8-2. 1C4X1 Assignment Locations**

<b>Location</b>	<b>CMS</b>	<b>SMS</b>	<b>MSG</b>	<b>TSG</b>	<b>SSG</b>	<b>SRA</b>	<b>A1C</b>
<b>AIR COMBAT COMMAND</b>							
Langley AFB, VA	x		x	x			
Ft Benning, GA			x	x	x	x	x
Ft Bliss, TX	x	x	x	x	x	x	x
Ft Bragg/Pope AFB, NC	x	x	x	x	x	x	x
Ft Campbell, KY	x	x	x	x	x	x	x
Ft Carson, CO	x	x	x	x	x	x	x
Ft Drum, NY	x	x	x	x	x	x	x
Ft Hood, TX	x	x	x	x	x	x	x
Ft Irwin, CA			x	x	x	x	
Ft Polk, LA			x	x	x	x	x
Ft Riley, KS	x	x	x	x	x	x	x
Ft Sill, OK			x	x			
Ft Stewart, GA	x	x	x	x	x	x	x
Davis-Monthan AFB, AZ				x			
Hurlburt Field, FL				x	x		
JBSA, TX			x	x			
Moody AFB, GA			x	x			
Nellis AFB, NV			x	x	x	x	
Shaw AFB, SC			x				
<b>PACIFIC AIR FORCES</b>							
JB Pearl Harbor-Hickam, HI	x		x				
Camp Humphries, ROK							
Camp Red Cloud, ROK		x	x	x	x	x	x
Eilson AFB, AK			x				
Ft Wainwright, AK			x	x	x	x	x
JBER, AK		x	x	x	x	x	x
Joint Base Lewis-McChord, WA	x	x	x	x	x	x	x
Osan AB, ROK	x		x	x	x	x	x
Wheeler AFB, HI	x	x	x	x	x	x	x
<b>US AIR FORCES EUROPE</b>							
Ramstein AB, GE		x	x				
Camp Ederle, IT						x	x
Einsiedlerhof, GE			x	x	x		
Hohenfels, GE			x	x	x	x	
Vilseck, GE		x	x	x	x	x	x
Wiesbaden, GE	x		x	x			

Location	CMS	SMS	MSG	TSG	SSG	SRA	A1C
<b>AIR FORCE SPECIAL OPERATIONS COMMAND</b>							
Hurlburt Fld, FL		x	x	x	x	x	
17 ASOS, Ft. Benning, GA	x	x	x	x	x	x	
21&24 STS, Pope AFB, NC			x	x	x	x	
22 STS, JBLM, WA			x	x	x	x	
23 STS, Hurlburt Fld, FL			x	x	x	x	
26 STS, Cannon AFB, NM				x	x		
Hunter AAF, GA			x	x	x	x	
Nellis AFB, NV				x			
Yuma Proving Ground, AZ				x			
<b>OTHER COMMANDS</b>							
Pentagon, Washington DC	x		x				
Al Dhafra, UAE				x			
Hanscom AFB, MA			x				
JBSA-Randolph, TX (AETC)		x					
JBSA-Lackland, TX (AETC)	x	x	x	x	x	x	
Kirtland AFB, NM				x			
Wright Patterson AFB, OH					x		
<b>AIR NATIONAL GUARD</b>							
JB Andrews, MD	x		x				
Atlantic City, NJ	x	x	x	x	x		
Boise, ID	x	x	x	x	x		
Camp Beauregard, LA	x	x	x	x	x		
Camp Murray, WA	x	x	x	x	x		
Ellington Fld, TX	x	x	x	x	x		
Ft. Indiantown Gap, PA	x	x	x	x	x		
Hancock Field, NY	x	x	x	x	x		
Meridian, MS	x	x	x	x	x		
Peoria, IL	x	x	x	x	x		
Savannah, GA	x	x	x	x	x		
Smoky Hill Range, KS	x	x	x	x	x		
Stanly County, NC	x	x	x	x	x		
Terre Haute, IN	x	x	x	x	x		
Will Rogers, OK	x	x	x	x	x		
Will Rogers, OK (CTF)		x	x	x	x		

**NOTE:** The authorizations listed above are subject to change without notice. Members interested in assignments to locations listed should consult the Equals and Equals Plus listings for more detailed information about requirements for a specific location.

## Section C - Skill Level Training Requirements

**9. Purpose.** Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

### 10. Specialty Qualifications:

10.1. Apprentice Level Training: **NOTE:** Apprentice Physical Training. Superior physical conditioning is a cornerstone of combat effectiveness. TACP apprentice training emphasizes physical training to assure that course graduates have the temperament and potential to meet the intense physical challenges inherent in the TACP specialty. Efficient training of TACP Apprentices (3-skill level) is a complex effort. The demanding physical nature of the TACP career field coupled with the requirement to conduct high risk training/operations requires persistent attention to detail in training. This attention to detail can be learned and reinforced through Motivational Training (MT) applied during the TACP Apprentice Course. MT will be IAW AETCI 36-2641, para 4.4.3.10, Technical and Basic Military Training Development, and implemented into the course via an Annex to the Course Training Plans. MT must be tied to and support STS training line items as identified by course design and development personnel.

#### 10.1.1. Specialty Qualification.

10.1.1.1. Knowledge. Knowledge is mandatory of: theater air, space and cyber operations to include; weapons systems and munitions characteristics and capabilities; aircraft employment; intelligence, surveillance, and reconnaissance capabilities; targeting systems; close air support tactics, techniques and procedures; Military Decision Making Process; joint fires integration.

10.1.1.2. Training. For award of AFSC 1C431, completion of Tactical Air Control Party Preparatory Course (L3AQR1C431 0T0A), Tactical Air Control Party Apprentice Course (**L3ABR1C431 0T0A**), and **Survival, Evasion, Resistance, and Escape (SERE) Course (S-V80-A)** is mandatory.

10.1.1.3. Experience. For award of AFSC 1C431, no special experience is required.

10.1.1.4. Training Sources and Resources. The established course listed in paragraph, 10.1.1.3, is the training source available and required for TACP personnel. Successful completion of this course satisfies all knowledge and training requirements for award of the TACP 3-skill level.

10.1.1.5. Implementation. Individuals are awarded the 3-skill level upon graduation from the TACP apprentice course.

10.1.2. Tactical Air Control Party (TACP) Physical Ability Stamina Test (PAST) Criteria IAW AFI 13-113, Volume 1.

10.1.2.1. The TACP PAST can be found on the Education and Training Course Announcements (ETCA) web at <https://etca.randolph.af.mil>

10.1.2.1.1. To view the PAST requirements: 10.1.2.1.1.1.

10.1.2.1.1.1. Go to the ETCA web mentioned above.

10.1.2.1.1.2. Click on the AETC patch or the AETC link, this launches the “Search by” page.

10.1.2.1.1.3. Type “tactical” in the “Title Keyword” box and click on “go”.

10.1.2.1.1.4. From the list of courses presented, select L3ABP1C431 0T0( ) to review the PAST requirements and other course information.

10.1.2.1.2. All retrainee candidates will be interviewed by a 1C4X1 (7-level or above is preferred) and receive a PAST from this 1C4X1 or their unit physical training leader. Active duty non-prior service students, who enter the Air Force without a guaranteed AFSC, are screened by 1C4X1 personnel at Lackland Air Force Base. Personnel who enter the Air Force under the Guaranteed Enlistment Program will be screened by their recruiter. Air National Guard candidates will be screened by the gaining ANG TACP unit.

10.2. Journeyman Level Training:

10.2.1. Specialty Qualification. All qualifications for AFSC 1C431 apply to the 1C451 requirements.

10.2.1.1. Knowledge. Knowledge is mandatory of: theater air, space and cyber operations to include; weapons systems and munitions characteristics and capabilities; aircraft employment; intelligence, surveillance, and reconnaissance capabilities; targeting systems; close air support tactics, techniques and procedures; Military Decision Making Process; joint fires integration.

10.2.1.2. Education. There are no additional requirements beyond those identified for the apprentice level.

10.2.1.3. Training. Completion of Joint Tactical Air Control Qualification Course (JTAC QC) is mandatory for award of the 5-skill level.

10.2.1.4. Experience. Completion of the following is required:

10.2.1.4.1. Qualification in and possession of AFSC 1C431.

10.2.1.4.2. All 5-level core tasks specified in column 2 of the STS.

10.2.1.4.3. Completion of upgrade training.

10.2.2. Training Sources and Resources. The STS identifies all the core tasks required for qualification in an individual's duty position.

10.2.3. Implementation. Individuals are entered into training upon arrival at their first duty station. AFSC is awarded IAW the requirements of AFI 36-2201, Air Force Training Program on the Job Training Administration.

10.3. Craftsman Level Training:

10.3.1. Specialty Qualification. All 1C431/51 qualifications apply to the 1C471 requirements.

10.3.1.1. Knowledge. Knowledge is mandatory of: Theater air, space and cyber operations to include; weapons systems and munitions characteristics and capabilities; aircraft employment; intelligence, surveillance, and reconnaissance capabilities; targeting systems; close air support tactics, techniques and procedures; Military Decision Making Process; joint fires integration.

10.3.1.2. Education. To assume the ranks of SSgt and MSgt, individuals must be graduates of the Airman Leadership School (ALS) and NCO Academy, respectively. Upon TSgt promotion notification, it is an AFSC requirement to complete the TACP Flight Chief Course. The course is a one week CBT followed by one week distance/telecom with TACP Chief's/SMEs. All promotees will be notified of course timelines and requirements by the 1C4 CFM. There are no additional requirements beyond those identified for the apprentice level.

10.3.1.3. Training. Completion of course L3ACP1C471 XXXX / L6ANW1C471 XXXX, TACP Craftsman Course (Resident/Distance Learning) is mandatory for award of the 7-skill.

10.3.1.4. Experience. The following items are mandatory except as noted:

10.3.1.4.1. Qualification in and possession of AFSC 1C451.

10.3.1.4.2. Completion of all 7-level core tasks specified in column 2 of the STS.

10.3.2. Training Sources and Resources. Completion of Courses L3ACP1C471 XXXX / L6ANW1C471 XXXX, TACP Craftsman Resident/Distance Learning Courses satisfy the knowledge requirements specified in the specialty qualification section (above) for award of the 7-skill level. The STS identifies all the core tasks required for qualification.

10.3.3. Implementation. Entry into 7 level upgrade training is initiated on the first day of the promotion cycle. AFSC is awarded IAW the requirements of AFI 36-2201, *Air Force Program on the Job Training Administration*.

#### 10.4. Superintendent Level Training:

##### 10.4.1. Specialty Qualifications.

10.4.1.1. Knowledge. Knowledge is mandatory of: Theater air, space and cyber operations to include; weapons systems and munitions characteristics and capabilities; aircraft employment; intelligence, surveillance, and reconnaissance capabilities; targeting systems; close air support tactics, techniques and procedures; Military Decision Making Process; joint fires integration.

10.4.1.2. Education. There are no additional requirements beyond those identified for the apprentice level.

10.4.1.3. Training. Completion of all training tasks is mandatory.

10.4.1.4. Experience. Qualification as a TACP Craftsman is mandatory. Experience as a Terminal Attack Controller is mandatory. Also, experience in managing TACP and ASOC operations, personnel, and equipment.

10.4.2. Training Sources and Resources. The CTS identifies all tasks required for qualification in the individual's duty position.

10.4.3. Implementation. AFSC is awarded IAW the requirements of AFI 36-2201, *Air Force Program on the Job Training Administration*. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

## **Section D - Resource Constraints**

**11. Purpose.** This section identifies known resource constraints which preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, are target completion dates. Resource constraints will be reviewed and updated at least annually.

11.1. Apprentice Level Training: Some equipment items and vehicles are not yet procured. These items are funded and will be ordered in FY17. Loan of equipment from operational units and internal adjustments (e.g. temporary increase of student to equipment ratios) have been coordinated.

11.2. Journeyman Level Training: None identified.

11.3. Craftsman Level Training: None identified.

## **Section E – Transition Training Guide**

There are currently no transition training requirements. This area is reserved.

## PART II

### Section A - Specialty Training Standard

**1. Implementation.** This STS will be used for technical training provided by AETC for classes beginning 4 Jan 17-skill level training. Course implementation for 7-skill level training will be with classes beginning 27 Mar 17. The CDCs were deactivated.

**2. Purpose.** As prescribed in AFI 36-2201, this STS:

2.1. Lists in column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for Airman to perform duties in the 3-, 5-, and 7-skill level. Column 2 (Core Tasks) identifies, by skill level, minimum task training requirements for upgrade to a particular skill level.

2.2. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Task certification must show documentation entries IAW AFI 36-2201, *On the Job Training Administration*.

2.3. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course.

2.4. Qualitative Requirements. The proficiency code key is used to indicate the level of training and knowledge provided by resident training and career development courses.

2.5. Becomes a job qualification standard (JQS) for OJT when placed in AF Form 623, OJT Record, and used according to AFI 36-2201, *On The Job Training Administration*.

2.6. STS is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKT) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the Weighted Airman Promotion System (WAPS) catalog. Individual responsibilities are listed in chapter 1 of AFI 36-2605, *Air Force Military Personnel Testing System*. WAPS is not applicable to the Air National Guard or Air Reserve Forces.

2.7. Documentation. Document and certify completion of training. Identify duty position requirements by circling the subparagraph number or letter next to the task statement. Task are trained and qualified to the "Go" level. "Go" means the individual can perform the task without assistance and meet local demands for accuracy, timeliness, and correct use of procedures ("Go" level equates to 3c in the STS proficiency code key). Review AFI 36-2201 for the latest guidance.

2.7.1. Transcribing. Transcribing documentation to a new CFETP is an administrative function, not a re-evaluation of training. Therefore, supervisor and trainer are considered synonymous for the purpose of documentation. Transcribe within 120 days (240 days for ARC) of published date of revised CFETP. Upon publication of a new CFETP, use the following procedures to transcribe:

2.7.1.1. Use the new CFETP to identify past and current training requirements and to transcribe qualifications from the previous CFETP.

2.7.1.2. For tasks previously certified and required in the current duty position, circle the subparagraph number next to the task statement and enter the current date in the completion column. Trainee initials in the trainee column and the current task certifier or supervisor/trainer initials in the trainer column.

2.7.1.3. For tasks previously certified but not required in the current duty position (do not circle), transcribe only the previous certification date (no initials). If the task later becomes required in the duty position, recertify using current dates and initials.

2.7.1.4. Annotate the AF Form 623a, (for example, "I certify the information contained in the CFETP dated XX was transcribed to the CFETP dated XX, and the trainee was given the superseded CFETP." Signed and dated by supervisor and trainee).

2.7.2. Decertification and Recertification. When a supervisor determines an Airman is unqualified on a task previously certified for their duty position, the supervisor erases the previous certification, or deletes certification when using automated system. Appropriate remarks pertaining to the reason for the decertification are entered on the AF Form 623a. Begin recertification (if required) following procedures in AFI 36-2201.

2.7.3. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies knowledge items in the CFETP, Part II, CDC column. Using Technical references required for career knowledge training, the supervisor briefs Airmen on their use. Airman completes study of references, is evaluated by the supervisor, and is certified in the CFETP. For two-time CDC course exam failures, supervisors identify all STS items corresponding to the areas covered by the CDC. The trainee completes a study of STS references, undergoes evaluation by the task certifier, and receives certification on the STS. **NOTE:** Career knowledge must be documented prior to submitting a CDC waiver.

**3. Recommendations.** Comments and recommendations are invited concerning the quality of AETC training. Reference this CFETP and address correspondence regarding changes to 37 TRG/DOS, 1220 Truemper Street, Lackland AFB, TX 78236. A Customer Service Information Line (CSIL) has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For quick response to problems, call DSN 473-2917, any time day or night.

**4. Surveys.** Field Evaluation Questionnaire (FEQ). FEQs are designed to solicit feedback from supervisors and/or graduates to determine if graduates were trained as specified in the training standard. FEQ Summaries (FEQS) summarize questionnaire results. Supervisors are the preferred source for evaluating recent graduates of initial skill courses. Survey graduates when a supervisory survey would not provide adequate feedback. When both graduate and supervisor data are gathered, present the data for each separately. In supervisor questionnaires, ask for an overall rating of graduates' job performance. In graduate questionnaires, ask for a rating of overall training provided. For more information concerning the FEQ and FEQS, refer to AETCI 36-2201.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

HOWARD D. HALL, GS-14, USAF  
Deputy Chief, CAF Division

Attachment: STS 1C4X1

## Specialty Training Standard

<b>THIS BLOCK FOR IDENTIFICATION PURPOSES ONLY</b>		
<b>NAME OF TRAINEE</b>		
PRINTED NAME ( <i>Last, First Middle Initial</i> )	INITIALS ( <i>Written</i> )	SSAN
<b>PRINTED NAME OF TRAINER, CERTIFYING OFFICIAL AND WRITTEN INITIALS</b>		
N/I	N/I	

### QUALITATIVE REQUIREMENTS

PROFICIENCY CODE KEY		
	SCALE VALUE	DEFINITION: The Individual
<b>TASK PERFORMANCE LEVELS</b>	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (EXTREMELY LIMITED)
	2	Can do most parts of the task. Needs help only on hardest parts. (PARTIALLY PROFICIENT)
	3	Can do all parts of the task. Needs only a spot check of completed work. (COMPETENT)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (HIGHLY PROFICIENT)
<b>*TASK KNOWLEDGE LEVELS</b>	a	Can name parts, tools, and simple facts about the task. (NOMENCLATURE)
	b	Can determine step by step procedures for doing the task. (PROCEDURES)
	c	Can identify why and when the task must be done and why each step is needed. (OPERATING PRINCIPLES)
	d	Can predict, isolate, and resolve problems about the task. (ADVANCED THEORY)
<b>**SUBJECT KNOWLEDGE LEVELS</b>	A	Can identify basic facts and terms about the subject. (FACTS)
	B	Can identify relationship of basic facts and state general principles about the subject. (PRINCIPLES)
	C	Can analyze facts and principles and draw conclusions about the subject. (ANALYSIS)
	D	Can evaluate conditions and make proper decisions about the subject. (EVALUATION)

### EXPLANATIONS

- \* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Examples: b and 1 b)
- \*\* A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.
- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course.
- x This mark is used alone in course columns to show that training is required but not given due to limitations in resources.

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
1. CAREER LADDER PROGRESSION TR: AFI36-2101	5						-			B	-	
2. SECURITY												
2.1. Communications Security (COMSEC) TR: AFI31-401, 33-201V1, 33-201V2, 33-207; AR 380-40												
2.1.1. Classified Information	5						A			-	-	
2.1.2. Prevent Security Violations	5						a			-	-	
2.1.3. Observe Security Precautions Involved in Communications	5						a			-	-	
3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) TR: AFMAN 91-201; AFI32-2001; 91-202; 91-301; 91-302; AFOSH Stds 91-25; 91-66; 127-56, 127-66; AR 385-10; TC 9-60; FM 3-23.30												
3.1. Hazards of AFSC 1C4X1												
3.1.1. High Voltage	5						A			-	-	
3.1.2. Radio Frequency	5						A			-	-	
3.1.3. Corrosive Materials	5						-			-	-	
3.1.4. Utilize Batteries	5						a			-	-	
3.1.5. Pyrotechnics												
3.1.5.1. Store	5						-			-	-	
3.1.5.2. Document	5						-			-	-	
3.1.5.3. Protect	5						-			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
4 SUPPORT AGREEMENTS TR: AFI 25-201; DODI 4000.19												
4.1. Inter-service	7						-			-	-	
4.2. Host Tenant	7						-			-	-	
4.3. Memorandums of Agreement	7						-			-	-	
5. PUBLICATIONS TR: AFTOs 0- 1-01, 00-5-1; Joint Pub 1-01.1; AR 25-30 Allowance Standards												
5.1. Air Force Publications	5						-			A	-	
5.2. Army Publications	5						-			A	-	
5.3. Joint Publications/Multi-service	5						-			A	-	
5.4. Technical Orders	5						-			A	-	
5.5. Operational Risk Management TR: AFI 90-901; AR 11-35; ARMY PAM 385-30							-			B	C	
6. PHYSICAL READINESS TR: PAST; AFI 10-248; AFI 13-113 Vol 1; Army FM 21-20, FM 21-18; MCRP 3-02C; TC 21-21; <i>SEE NOTE 2</i>												
6.1. Maintain Physical Training Standards	5						3c			-	-	
6.2. Conduct Physical Training Program							-			-	-	
6.3. Perform Foot Marches	5						3c			-	-	
6.4. Perform Combat Water Survival	5						2b			-	-	
6.5. Demonstrate Team Resiliency Training							2b			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
7. AIR GROUND OPERATIONS SYSTEM TR: Joint Pub 3-09, 3-09.3, 3-30, 3-31, 3-60; AFTTP (I) 3-2.6, 3-2.17; AFTTP 3-1.26; AFDD 1, 2, 2-1, 2-1.3, 2.1-7; Army FM 1-02, 3-0, 3-04.15, 3-52.2, 6-20, 71-100, 71-123												
7.1. U. S. Army	5						B			B	-	
7.2. U. S. Air Force	5						B			B	-	
7.3. Doctrine												
7.3.1. Basic, Joint/Multi-services	5						A			A	B	
7.3.2. Operational	5						A			A	B	
8. TACTICAL COMMUNICATIONS TR: Army FM 6-02.43, 6-02.72, STP 11-25C13-SM-TG, 21-1-SMCT, MCRP 3-40.3B; AFTTP(I) 3-2.5; ACP 125(F)												
8.1. Use Radio Operator/Radiotelephone Procedures							2b			b	-	
8.2. Extract Signal Operating Instructions from Electronic Data Fill Device							-			-	-	
8.3. Authenticate Radio Transmission							2b			b	-	
8.4. Electronic Counter Counter Measures (ECCM)							A			B	-	
8.5. Encode/Decode Radio Message Information							2b			b	-	
8.6. Digital CAS Principles												
8.6.1. Architecture	5						A			B	-	
8.6.2. Networks	5						A			B	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
9. COMMUNICATIONS EQUIPMENT TR: Applicable T.O.s; Applicable Operators manuals; MCRP 3-40.3C, Harris <i>Quick-Reference Pocket Guide</i> , Harris AN/PRC- 117F/G, <i>Manpack Radio Operations Manual</i> AFTTP 3- 2.18, 3-2.48, 3-2.49, 3-2.53												
9.1. Vehicle Communications System												
9.1.1. Secure Voice Communications												
9.1.1.1. Use Secure Transfer Devices	5						2b/x			-	-	
9.1.1.2. Operate Crypto Equipment on All Waveforms	5						2b/x			-	-	
9.1.1.3. Transfer Data Files All Waveforms	5						2b/x			-	-	
9.1.1.4. Perform Emergency Operations	5						2b/x			-	-	
9.1.1.5. Perform Operator Troubleshooting	5						2b/x			-	-	
9.1.1.6. Transmit and Receive Using HF Automatic Link Establishment (ALE)	5						2b/x			-	-	
9.1.1.7. Operate Video Downlink (VDL) Equipment	5						2b/x					
9.1.1.8. Operate Digital Comms Systems	5						2b/x					
9.1.1.9. Capabilities and Limitations	5						b/x			-	-	
9.1.2. Non-Secure Voice Communications												
9.1.2.1. Perform Emergency Operations	5						-			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
9.1.2.2. Transmit/Receive in Non-Secure Voice Mode on All Waveforms	5						-			-	-	
9.1.2.3. Perform Operator Troubleshooting	5						-			-	-	
9.1.2.4 Transmit and Receive using HF Automatic Link Establishment (ALE)	5						2b/x			-	-	
9.1.2.5 Perform Remote Operations	5						2b/x			-	-	
9.1.2.6. Capabilities and Limitations	5						b/x			-	-	
9.1.3. Frequency Hopping (FH) Operations												
9.1.3.1. Perform Have Quick (HQ) Operations	5						2b/x			-	-	
9.1.3.2. Perform FM Frequency Hopping Operations	5						2b/x			-	-	
9.2. Manpack radios												
9.2.1. Secure Voice Communications												
9.2.1.1. Use Secure Transfer Devices	5						2b			b	-	
9.2.1.2. Perform Secure Voice Operations on All Waveforms	5						2b			b	-	
9.2.1.3. Operate in High Performance Waveform (HPW)	5						2b/x			-	-	
9.2.1.4. Perform Operator Troubleshooting	5						2b			b	-	
9.2.1.5. Operate Video Downlink (VDL) Equipment	5						2b/x			-	-	
9.2.1.6. Operate Digital Comms Systems	5						2b/x			-	-	
9.2.1.7. Capabilities and Limitations	5						B			B	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
9.2.2. Non-Secure Voice Communications												
9.2.2.1. Transmit/Receive in Non-Secure Voice Mode on All Waveforms	5						2b			b	-	
9.2.2.2. Perform Operator Troubleshooting	5						2b			b	-	
9.2.2.3. Capabilities and Limitations	5						B			B	-	
9.2.3. Frequency Hopping Operations												
9.2.3.1. Perform HAVE QUICK Operations	5						2b			b	-	
9.2.3.2. Perform FM Frequency Hopping Operations	5						2b			b	-	
9.3. Handheld radios												
9.3.1. Transmit/Receive in Non-Secure Voice Mode on All Waveforms	5						2b			-	-	
9.3.2. Principles of Non-secure/Secure mode (all waveforms)	5						-			B	-	
9.3.3. Transmit/Receive in Secure Voice Mode on All Waveforms	5						2b			-	-	
9.4. Antennas												
9.4.1. Theory	5						B			B	-	
9.4.2. Construct Supplemental/Field Expedient	5						2b			b	-	
10. Specialized TACP/ASOC Equipment TR: Operator Manuals, Applicable T.O.s; JP 3-09.1												
10.1. Operate TACP Close Air Support System (TACP CASS) Computer							2b			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
10.2. TACP CASS software												
10.2.1. Configure Mapping / Imaging Program							2b			-	-	
10.2.2. Compose Digital Message Formats							2b			-	-	
10.2.3. Troubleshoot TACP CASS							2b			-	-	
10.3. Operate Thermal Imager	5						2b/x			b/x	-	
10.4 Operate Short Wave Infrared (SWIR)	5						2b/x			b/x	-	
10.5. Operate Laser Target Designator (LTD)	5						2b/x			b	-	
10.6. Operate Infrared Pointer	5						2b/x			b	-	
10.7. Operate Laser Range Finder	5						2b/x			b	-	
10.8. Operate Overt/Covert Marking Devices	5						2b/x			b	-	
10.9. Operate Spotting Scope	5						2b/x			-	-	
10.10. Operate Video Downlink Equipment	5						2b/x			b	-	
10.11. Derive Coordinates using Tactical Targeting Systems Software (e.g., PSS SOF, DPSS, etc.)							2b			-	-	
10.12. Power Generating Systems												
10.12.1. Operate	5						-			-	-	
10.12.2. Perform Field Expedient Maintenance	5						-			-	-	
11. VEHICLE OPERATIONS TR: AFI 24-301; AFJMAN 24- 306; AFTTP 3-2.58; FM 21- 305; STP 21-1-SMCT; Applicable T.O.s												
11.1. Perform Air Force Operator Vehicle Inspections							2b			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
11.2. Operate Tactical Vehicle Under Tactical Conditions												
11.2.1. Prepare Vehicle for Convoy	5						2b			-	-	
11.2.2. Operate Vehicle in Convoy	5						2b			-	-	
11.2.3. React to Direct / Indirect fires	5						2b			-	-	
11.2.4. React to Improvised Explosive Devices (IED)	5						2b			-	-	
11.2.5. Operate Vehicle Using Night Vision Devices	5						2b			-	-	
11.2.6. Dismount a Vehicle												
11.2.6.1. Perform Defensive Actions	5						2b			-	-	
11.2.6.2. Perform Offensive Actions	5						2b			-	-	
11.2.6.3. Evacuate Injured Personnel from Vehicle	5						2b			-	-	
11.2.6.4. Perform Vehicle Egress Under Roll-over Conditions							2b			-	-	
11.3. Operate Tactical Vehicle Under Non-tactical conditions							2b			-	-	
11.4. Perform Field Expedient Maintenance							2b			-	-	
12. COMBAT FIELD SKILLS TR: JP2-03; ADRP 1-02; AFI 36-2226; AFPAM 10-100; AFTTP 3-2.6; AFMAN 36-2227V1, 36-2227V2; FM 1-02, 7-15, 7-92, 20-3, 21-10, 21-18, 21-60, 3-21.8, 3-22.9, 3-23.30, 3-23.35, 3-25.26, 3-25.150; SH 21-76; STP 21-1-SMCT, STP 7-11B1-SM-TG, STP 7-11B24-SM-TG, STP 21-1-SMCT, STP 21-24-SMCT; AF Combatives program (AFI in draft)												
12.1. Navigate by:												
12.1.1. Foot												
12.1.1.1. System Aided	5						2b			b	-	
12.1.1.2. Without System Aids	5						2b			b	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
12.1.2. Vehicle	5											
12.1.2.1. System Aided	5						2b			b	-	
12.1.2.2. Without System Aids	5						2b			b	-	
12.2. Use Military Grid Reference System (MGRS)	5						2b			b	-	
12.3. Geographic Coordinate System	5											
12.3.1. Use Lat/Long Minutes, Decimal Minutes	5						2b			b	-	
12.3.2. Use Lat/Long Minutes, Seconds	5						2b			b	-	
12.3.3. Use Global Area Reference System							2b			b	-	
12.4. Extract Map/Imagery Information	5						2b			b	-	
12.5. Use Tactical Map Symbols	5						2b			b	-	
12.6. Use Global Positioning System Equipment	5						2b			b	-	
12.7. Perform Active and Passive Signaling	5						2b			-	-	
12.8. Personnel/Equipment Accountability										-	-	
12.8.1. Perform Configuration Management	5						2b					
12.8.2. Prepare Mission Equipment	5						2b					
12.9. Operate Night Vision Equipment	5						2b			-	-	
12.10. Combat Field Skills												
12.10.1. Perform Patrol Base Procedures							2b			-	-	
12.10.2. Select Bivouac Sites	5						2b			-	-	
12.10.3. Prepare Bivouac Sites	5						2b			-	-	
12.10.4. Establish Priorities of Work	5						2b			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
12.10.5. Small Unit Tactics												
12.10.5.1. Tactical Movement Techniques												
12.10.5.1.1. Cross Danger Areas	5						2b			-	-	
12.10.5.1.2. React to Direct/Indirect Fire	5						2b			b	-	
12.10.5.1.3. React to Enemy Contact	5						2b			b	-	
12.10.5.1.4. Break Contact with the Enemy	5						2b			b	-	
12.10.5.1.5. React to Far/Near Ambush	5						2b			b	-	
12.10.5.1.6. Perform Team Member Responsibilities	5						2b			b	-	
12.10.6. Construct Defensive Fighting Positions	5						2b			-	-	
12.10.7. Perform Rappelling Techniques							2b			-	-	
12.10.8. Enter/Clear a Building							2b			-	-	
12.10.9. Depart and Reenter Friendly Lines	5						2b			-	-	
12.10.10. Conduct Rally Point Procedures	5						2b			-	-	
12.10.11. Perform Actions on an Objective	5						2b			-	-	
12.10.12. Perform Combatives	5						1b			-	-	
12.10.13. Perform Tactical Casualty Evacuations or Transportations	5						1a			-	-	
12.10.14. Perform Battlefield Casualty Care (i.e. CLS)	5						1a			-	-	
12.10.15. Perform Limited Weather Observations							1a			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
12.11. Range Estimation and Target Coordinates												
12.11.1. Utilize System Aided Range Determination Equipment	5						2b			b	-	
12.11.2. Manually Calculate Range and Target Coordinates	5						2b			b	-	
12.12. Small Arms Weapons												
12.12.1. Qualify with the M-4 Carbine IAW Air Force Arming Group A	5						3b			-	-	
12.12.2. Qualify with the M9 Pistol IAW Air Force Arming Group A	5						3b			-	-	
12.12.3. Use Pyrotechnics	5						a			-	-	
13. THEATER AIR SUPPORT OPERATIONS TR: Joint Pub 2-01, 3-09, 3-09.1, 3-09.3, 3-30, AFTTP 3-1.1/2/3/26/46 and applicable aircraft volumes; AFTTP 3-.2/3/6/17/28/59/62/64/67; AFTTP 3-3.AOC/JTAC/TACS and applicable aircraft volumes AFDD 2-1.3; AFI 11-214; FM 1-02, 6-20, 6-20-10, 6-20-30, 6-20-40, 6-20-50, 6-30, Janes Manuals												
13.1. Utilize Air Tasking Orders/Airspace Coordination Orders/Special Instructions (SPINS)	7						2b			b	3c	
13.2. Use Operations Plans	7						a			b	3c	
13.3. Use Operations Orders	5						a			b		
13.4. Enemy Air Defense	5						-			B	C	
13.5. Suppression/Destruction of Enemy Air Defense (S/DEAD)/Electronic Warfare (EW)	5						a			b	C	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL -		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
13.6. Intelligence, Surveillance, and Reconnaissance (ISR)												
13.6.1. Capabilities and Limitations	5						A			B	-	
13.6.2. Mission Planning	5						-			B	C	
13.7 Command and Control (C2)	5						A			B	C	
13.8. Airlift (fixed/rotary-wing)												
13.8.1. Drop Zone Operations							-			-	B	
13.8.2. Aerial Delivery Operations							-			-	B	
13.8.3. Helicopter Landing Zone Operations							-			-	B	
13.9. Weapons Systems												
13.9.1. Friendly Capabilities/Visual Identification												
13.9.1.1. Air	5						A			B	C	
13.9.1.2. Ground	5						A			B	C	
13.9.2. Enemy Visual Identification												
13.9.2.1. Air	5						A			-	-	
13.9.2.2. Ground	5						A			-	-	
13.9.3. Hostile Surface-to-Air Threats												
13.9.3.1. Capabilities	5						A			B	C	
13.9.3.2. Identify	5						2b			b	-	
13.10. Air-to-Surface Munitions Capabilities												
13.10.1. General Purpose							A			-	C	
13.10.2. Coordinate Dependent							A			-	C	
13.10.3. Precision Guided							A			-	C	
13.11. CAS Aircraft Employment												
13.11.1. Delivery Profiles							A			-	C	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL -		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
13.11.2. Targeting Pods/Sensors							A			-	C	
13.11.3. Radar Systems							A			-	C	
13.12. Military Decision Making Process (MDMP)	5						A			B	C	
13.13. CAS Process												
13.13.1. CAS Mission Planning												
13.13.1.1. CAS Decision Making Process	5						A			B	C	
13.13.1.2. Staff Coordination	5						A			B		
13.13.1.3. Electronic Warfare (EW) Mission Support Planning	5						A			-	C	
13.13.1.4. Cyber Fires Mission Support Planning	5						A			-	C/x	
13.13.1.5. Targeting Principles							-			-	C	
13.13.1.6. Prepare DD Form 1972							2b			-	-	
13.13.1.7. CAS Execution Template							A			-	-	
13.13.2. CAS Mission Execution												
13.13.2.1. Transmit DD Form 1972							2b			-	-	
13.13.2.2. Build CAS Execution Template							2b			-	-	
13.13.2.3. Perform CAS Execution Template							2b			-	-	
13.14. Perform Call for Fire Mission	5						2b			-	-	
13.15. Rotary-wing Attack Aviation Procedures							A			-	-	
13.16. AC-130 Call for Fire Procedures							A			-	-	

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASKS	3. CERTIFICATION FOR OJT					4. PROFICIENCY CODES USED TO INDICATE TRAINING/INFORMATION PROVIDED					
		A	B	C	D	E	A 3 SKILL LEVEL		B 5 SKILL LEVEL -		C 7 SKILL LEVEL	
		START DATE	STOP DATE	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	Course	CDC	Course	CDC	Course	CDC
14. READINESS TR: AFI 10- 201, 10-402, 10-403; ASC 016, 538, 795												
14.1. Readiness Reporting Systems	7						-			-	-	
14.2. Designed Operational Capability (DOC) Statement	7						-			A		
14.3. Air Force Worldwide Unit Type Code (UTC) Tasking Summary (AFWUS)	7						-			A		
14.4. UTC												
14.4.1. Mission Capability Statements (MISCAP)	7						-			A		
14.4.2. Manpower Force Detail (MANFOR)	7						-			A		
14.4.3. Logistics Detail (LOGDET)	7						-			A		
14.5. Time Phased Force Deployment Document (TPFDD)/Unit Line Number	7						-			A		
14.6. Theater Reporting Instructions	7						-			A		
15. TRANSMIT MEDEVAC REQUEST TR: STP 21-1-SMCT, 21-24-SMCT, STP 21- 24-SMCT	5						2b			b	-	

See attached *Notes* on the following page

## Notes:

- 1: Move overland not less than 20 kilometers with personal equipment and rucksack and then be physically ready to immediately execute offensive and defensive actions.
  - Personal equipment - Average weight 45 pounds (helmet, goggles, load bearing vest, body armor with plates, fluid, ammunition, and weapon).
  - Rucksack - Average weight 65 pounds.
- 2: Maneuver over 2 and 3 foot obstacles wearing personal equipment and 4, 5 and 8 foot obstacles carrying/lifting rucksack.
- 3: Repetitive movement in 25 meter intervals, dropping to kneeling or prone up to 300m with personal equipment and rucksack.
- 4: Low crawl a minimum of 20 meters while wearing personal equipment and rucksack; then, drag a 285 pound casualty (individual with personal equipment and rucksack) a minimum of 20 meters.
- 5: Move 220 pound casualty (Individual with personal equipment) and rucksack/equipment from combat disabled vehicle to operational vehicle.
- 6: Manually breach entry with a 20 pound sledgehammer and a 60 pound battering ram with one team member, while wearing personal equipment.
- 7: Engage in hand-to-hand attack, defend, grapple, push and control an enemy combatant while wearing personal equipment.
- 8: Conduct casualty collection with personal equipment and rucksack.
  - Move a 220 pound casualty (Individual and personal equipment) while wearing personal equipment using a fireman's carry a minimum of 300 meters.
  - Load a 220 pound casualty onto a Skedco (or equivalent) and pull Skedco a minimum of 500 meters while wearing personal equipment and rucksack.
  - Lift and carry 110 pounds as part of a two-person litter team with a 220 pound casualty (Individual with personal equipment), while wearing personal equipment and rucksack, 50 meters up a C-17 or CH-47 ramp incline.
- 9: Conduct fast rope insertion/extraction system, rope ladder, and mountain operations.
  - Disembark from a helicopter via fast rope while wearing personal equipment and rucksack.
  - Ascend a 20-foot rope ladder/caving ladder wearing personal equipment and rucksack during a helicopter insertion/extraction.
  - Traverse ascending and descending elevations and distance in a mountain environment while wearing personal equipment and rucksack.
- 10: Conduct water operations and parachute operations.
  - Perform water crossing and combat water survival while wearing personal equipment and rucksack.
  - Don 60 pounds of parachute equipment and 110 pounds of personal equipment and stand maneuver and exit an aircraft in flight (unit dependent).
- 11: Conduct vehicle operations.
  - Maneuver out of an overturned or submerged vehicle, react to mines and improvised explosive devices while mounted and recover disabled vehicles by attaching 300 pound tow bar or cables as part of a two-person team while wearing personal equipment.
  - Assemble, disassemble, and move a 308 pound radio pallet through tight spaces as part of a two-person team.
- 12: Dig, lift, and shovel 11 pound scoops of dirt in bent, stooped or kneeling position while wearing personal equipment for the purpose of digging deliberate fighting position, filling and transporting 50 pound sandbags, filling Hesco barriers with sand, and constructing walls with 50 pound sandbags.
- 13: Route and bury fiber optic and antenna cables while unspooling a 61 pound cable reel and wearing personal equipment.

### Section B – Course Objective List (COL)

Due to the constantly changing nature of this document, the COL is not included in this CFETP. Supervisors who wish to review the COL (i.e. when filling out graduate assessment surveys) should contact the Customer Service Information Line (CSIL), call DSN 473-2917, any time day or night.

### Section C - Support Material

The following list of support materials is not all inclusive; however, it covers the most frequently referenced areas. There are currently no support material requirements. This area is reserved.

### Section D - Training Course Index

**Purpose.** This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

**Air Force In-Residence Courses.**

<b>COURSENUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
ACC-JTACQC	Joint Terminal Attack Control Qualification	Nellis AFB, NV
ACC-JATOP	Joint Air Tasking Order Process Course	Hurlburt Field, FL
S-V80-A	Combat Survival Training	Fairchild AFB, WA
ACC-JCAC	Joint Computer Applications Course	Hurlburt Field, FL
JFCOE-JTACQC	Joint Terminal Attack Control Qualification Course	Warrior Prep Center Einsiedlerhof, GE
ACC-ASOCQC	Air Support Operations Center Qualification Course	Nellis AFB, NV

**Extension Course Institute (ECI) Courses.**

COURSE NUMBER - COURSE TITLE

There are no current extension courses available. This area is reserved.

**Exportable Courses\***

COURSE NUMBER - COURSE TITLE

There are no current exportable courses available. This area is reserved.

**Courses Under Development/Revision.**

None. This area is reserved.

**Other DOD Courses**

<b>COURSENUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
L5OZA31P30S1A	Ranger (2E-S15S-5R/011-SQIV-G)	Ft Benning, GA
*L9AZA1XXXX0A1A	Airborne Parachutist (2E-SI5P/SQI7/011-SQIP)	Ft Benning, GA
L9AZA1XXXX0A0A	Airborne Jumpmaster (2E-F60/011-F16)	Ft Benning, GA
**L9AZA1XXXX0F1A	Military Freefall Parachutist (HALO) (2ESI4X/ASI4X/011-ASIW8)	Yuma, AZ
L9AZA1XXXX1J0A	Military Freefall Parachutist Jumpmaster (2EF56/011-F15)	Yuma, AZ
L5ASA1C4510T0A	Pathfinder (2E-SI5Q/011-ASIF7)	Ft Benning, GA
Not Listed	Air Assault Course	Various Locations
Not Listed	AF Combatives Course	Various Locations
Not Listed	Combat Lifesaver Course	Various Locations
Not Listed	Classroom Instructor Course	Various Locations

\*This course is required for performance as a jump qualified 1C4X1.

\*\*This training is mandatory for designated J1C4X1 positions assigned to ranger and Special Tactics Squadrons.

**Section E – MAJCOM Unique Requirements****COURSE NUMBER COURSE TITLE LOCATION**

There are currently no MAJCOM Unique Requirements. This area is reserved.